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31/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office	
<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>		Application Number	10/776,402
		Filing Date	February 10, 2004
		First Named Inventor	Emre Tuncer
		Group Art Unit Number	2812
		Examiner Name	Stacy Whitmore
Total Number of Pages in This Submission	5*	Attorney Docket Number	23748-07845

ENCLOSURES (check all that apply)	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Emre Tuncer, Hamid Savoj and Premal Buch  
APPLICATION NO.: 10/776,402  
FILING DATE: February 10, 2004  
TITLE: REDUCTION OF CROSS-TALK NOISE IN VLSI CIRCUITS  
EXAMINER: Stacy Whitmore  
GROUP ART UNIT: 2812  
ATTY. DKT. NO.: 23748-07845

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By: Rajiv P. Patel

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**INFORMATION DISCLOSURE STATEMENT**

**Under 37 CFR §§ 1.56 and 1.97-98**

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:
  - ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
  - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
    - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
    - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
  - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
    - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;
    - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated

under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. \_\_\_\_\_, filed on \_\_\_\_\_, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☒ This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,  
Emre Tuncer, Hamid Savoj and Premal Buch

Dated: July 26, 2004

By: Rajiv Patel

Rajiv P. Patel, Attorney of Record  
Registration No. 39,327  
FENWICK & WEST LLP  
801 California Street  
Mountain View, CA 94041  
Phone: (650) 335-7607  
Fax: (650) 938-5200  
E-Mail: rpatel@fenwick.com



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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Complete if Known</b>	
				Application No.	10/776,402
				Filing Date	February 10, 2004
				First Named Inventor	Emre Tuncer
				Art Unit	2812
				Examiner Name	Stacy Whitmore
Sheet	1	of	1	Attorney Docket Number	23748-07845

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		US-5,596,506	01-21-1997	Petschauer et al.
		US-6,205,571 B1	03-20-2001	Camporese et al.
		US-6,334,205 B1	12-25-2001	Iyer et al.

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
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		"Crosstalk complicates IP reuse" [online]. <i>EE Times</i> , March 25, 2002 (Copyright CMP Media, LLC, 2003) [retrieved on 2003-04-07]. Retrieved from the Internet: <URL: <a href="http://www.eedesign.com/printableArticle?doc_id=OEG200203022S0062">http://www.eedesign.com/printableArticle?doc_id=OEG200203022S0062</a> >, 2 pages.		
		Green, Lynne, "Electrical thresholds for identifying crosstalk aggressors," <i>Electronics Engineer</i> , May 2000, 3 pages.		
		Maheshwary, Rajiv, "New Methodologies Needed to Tackle Crosstalk Problems" [online] [retrieved on 2003-04-07]. Retrieved from the Internet: <URL: <a href="http://www.e-insite.net/ecnmag/index.asp?layout=articlePrint&amp;articleID...">http://www.e-insite.net/ecnmag/index.asp?layout=articlePrint&amp;articleID...</a> >, 5 pages.		
		Young, Tak, "IC layout must avoid crosstalk problems" [online]. <i>EE Times</i> , June 5, 2002 (Copyright: CMP Media, LLC, 2003) [retrieved on 2003-04-07]. Retrieved from the Internet: <URL: <a href="http://www.eedesign.com/printableArticle?doc_id=OEG20020604S0045">http://www.eedesign.com/printableArticle?doc_id=OEG20020604S0045</a> >, 4 pages.		
		Young, Tak, "Systems and Infrastructure: Foundation laid for crosstalk avoidance" [online]. <i>EE Times</i> , April 17, 2001 (Copyright: CMP Media, LLC, 2003) [retrieved on 2003-04-07]. Retrieved from the Internet: <URL: <a href="http://www.commsdesign.com/printableArticle?doc_id=OEG20010417S046">http://www.commsdesign.com/printableArticle?doc_id=OEG20010417S046</a> >, 4 pages.		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

23748/07845/DOCS/1452292.1